



GENOME & EPIGENOME INTEGRITY- a Conference of the Marie-Curie ITN Chromatin 3D

Thursday 20th September 2018

MRC Institute of Genetics and Molecular Medicine, The University of Edinburgh,
Western General Hospital, Crewe Road, Edinburgh EH4 2XU

08:30 - 09:00 Arrival & Registration

09:00 - 09:10 Welcome Address

09:10 - 11:50 **SESSION I**
**EPIGENETIC STATES: ESTABLISHMENT
AND MAINTENANCE.**

Chair: Wendy Bickmore

09:10 - 09:35 **Restoration of chromatin
based information behind replication forks.**

Constance Alabert, University of Dundee, UK.

09:35 - 10:00 **Heterochromatin: protection
from external insults.**

Robin Allshire, WTCCB Edinburgh, UK.

10:00 - 10:30 Coffee break - The Nucleus

10:30 - 11:00 **Mechanisms of noncoding RNAs
as epigenetic modulators of gene expression.**

Sonia Guil, IDIBELL, Barcelona, Spain.

11:00 - 11:25 **The Epigenetic Clock
and estimation of biological ageing.**

Riccardo Marioni, IGMM, Edinburgh, UK.

11:25 - 11:50 **Disordered epigenetic
regulation and human growth.**

Andrew Jackson IGMM, Edinburgh, UK.

12:00 - 13:00 **KEYNOTE SPEAKER**
"Histone mutations in Paediatric Glioblastoma"

Nada Jabado. McGill University and Montreal
Children's Hospital, Canada.

13:00 - 14:00 Lunch break - The Nucleus

14:00 - 15:15 **SESSION II**
CHROMATIN AND DNA DAMAGE.

Chair: Andrew Wood (IGMM)

14:00 - 14:25 **Epigenome maintenance
in response to DNA damage.**

Sophie Polo, Unité Epigénétique et Destin Cellulaire -
UMR 7216, Paris, France.

14:25 - 14:50 **Nuclear compartmentalization
of DNA repair.**

Evi Soutoglou - IGBMC, Strasborg, France.

14:50 - 15:15 **Genomic stability within and
around human nucleolar organisers.**

Brian McStay, Centre for Chromosome Biology,
University of Galway, Ireland.

15:15 - 15:45 Coffee break - The Nucleus

15:45 - 16:55 **SESSION III**
CHROMATIN AND GENOME INSTABILITY.

Chair: Peter Becker (LMU)

15:45 - 16:05 **Nuclear pore density controls
heterochromatin reorganization during
senescence.**

Charlène Boumendil IGMM, Edinburgh, UK

16:05 - 16:30 **Atypical heterochromatin
stimulates alternative lengthening of telomeres.**

Jérôme Dejaradin, IGH Montpellier, France

16:30 - 16:55 **Epimutations generated by LINE-1
retrotransposition in human pluripotent cells.**

Jose Luis Garcia-Perez, IGMM, Edinburgh, UK

17:00 Drinks - The Nucleus